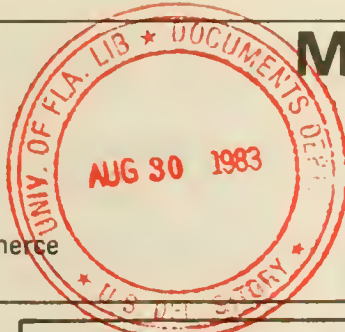




U.S. Department of Commerce  
BUREAU OF THE CENSUS



# Manufacturers' Shipments, Inventories, and Orders

JUNE 1982

M3-1 (82)-6

For Wire Transmission 3:00 P.M. E.D.T. Monday, August 2, 1982

(All figures in text below are in seasonally adjusted current dollars.)

The January through June data presented in this report are consistent with the revised data for 1977-1981 released July 19, 1982, by the Department of Commerce, Bureau of the Census. These revisions, published in "Manufacturers' Shipments, Inventories, and Orders: 1977-1981" (M3-1.11), reflect: benchmarking of the shipments and inventory data to the 1979 and 1980 Annual Survey of Manufactures; benchmarking defense shipments to the series MA-175, "Shipments to Federal Government Agencies"; recalculation of new orders estimates which are derived from the estimates of unfilled orders and shipments; and updating of seasonal adjustment factors.

New orders for manufactured goods in June declined \$0.5 billion or 0.3 percent to \$156.8 billion the Department of Commerce, Bureau of the Census reported today. This follows a 1.0 percent increase in May and a 1.0 percent decline in April. Shipments of manufactured products increased in June \$0.1 billion or 0.1 percent to \$160.8 billion following a 2.9 percent increase in May.

The backlog of unfilled orders for manufactured products declined \$4.0 billion or 1.3 percent in June to \$307.7 billion. This is the 11th consecutive decline in unfilled orders since the July 1981 peak of \$328.9 billion.

The book value of manufacturers' inventories decreased \$1.3 billion or 0.5 percent to \$275.1 billion. This is the sixth decline in the last 7 months and the lowest inventory level since the June 1981 level of \$274.6 billion. The inventory to shipments ratio has dropped from 1.81 in January 1982 to 1.71 in June.

New orders for durable goods in June declined \$1.5 billion or 1.9 percent to \$74.7 billion. This follows May and April declines of 1.0 percent and 1.2 percent, respectively. New orders for nonelectrical machinery declined \$1.5 billion or 10.1 percent to \$13.0 billion. Except for a 5.7 percent increase in April, new orders for nonelectrical machinery have been declining since last November at a 3.8 percent average monthly rate. New orders for the nondefense capital goods, which include most of the nonelectrical machinery industries, declined \$1.1 billion or 5.2 percent to \$19.3 billion. New orders for defense capital goods in June increased \$0.6 billion or 12.6 percent to \$5.4 billion following 3 months of declines.

New orders for manufacturers of nondurable goods (where for most industries shipments are considered equal to new orders) increased \$1.0 billion or 1.3 percent to \$82.1 billion in June. Increases were reported by all industries except for

the apparel and printing and publishing industries.

Shipments by producers of durable goods declines \$0.7 billion or 0.8 percent to \$78.7 billion. Shipments declined of \$0.9 billion in machinery products and \$0.3 billion in fabricated metal products in June were only partially offset by increases of \$0.4 billion in motor vehicle and parts and \$0.1 billion in the aircraft and parts sectors of the transportation equipment.

The orders backlog for durable goods manufacturers in June declined \$4.0 billion or 1.3 percent to \$298.4 billion. Over half of the June decline was in the nonelectrical machinery category. Reflecting declines in the machinery industry and the aircraft and parts industry, the order backlog for nondefense capital goods declined \$3.5 billion or 2.5 percent to \$134.4 billion.

Inventories held by producers of durable goods dropped \$0.5 billion or 0.3 percent to \$184.3 billion, the lowest level since July 1981. Except for increases in the transportation equipment and instruments and related products industries, the rest of the major industry groups showed little change or declined. The inventories held by producers of nondurable goods declined \$0.8 billion or 0.9 percent to \$90.8 billion. The largest decline was in the food products industry where inventories declined \$0.3 billion or 1.7 percent to \$19.8 billion.

The figures on the durable goods industries in this report supersede those issued earlier in the advance report on durable goods. The present report is based on more complete reporting, but the estimates are also considered preliminary. Final figures will appear as historical data in the report to be published for next month. The advance report on durable goods for July is scheduled for release on August 20, 1982, and the full report is scheduled for release on August 31, 1982.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Swindell, (301) 763-2502.

For sale by Customer Services (DUSD) Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Price, 30 cents per copy, \$3.60 per year.

Single copies of the M3-1.11, "Manufacturers' Shipments, Inventories, and orders, 1977-1981," can be purchased for \$5.00 from the Customer Services Section, Bureau of the Census, Washington, D.C. 20233. Checks should be made payable to Superintendent of Documents. A computer tape of the report, including data back to 1958, can be purchased by sending a check or money order for \$140 to the Data User Services Division, Customer Services Branch, Bureau of the Census, Washington, D.C. 20233. Checks for the computer tape should be made payable to Commerce-Census.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES  
(Millions of dollars)

SIC	Industry	Seasonally adjusted						Not seasonally adjusted <sup>1</sup>						Year-to-date			
		June 1982 <sup>p</sup>	May 1982 <sup>r</sup>	April 1982 <sup>r</sup>	March 1982	Feb. 1982	Jan. 1982 <sup>r</sup>	June 1982 <sup>p</sup>	May 1982 <sup>r</sup>	April 1982 <sup>r</sup>	March 1982 <sup>r</sup>	Feb. 1982 <sup>r</sup>	Jan. 1982 <sup>r</sup>	1982	1981		
TOTALS																	
	All manufacturing industries.....	160,799	160,693	156,114	157,517	158,142	155,023	168,399	161,541	158,058	165,832	160,220	144,431	958,481	1,013,307		
	Manufacturing industries excluding transportation.....	143,177	143,514	140,168	141,712	142,990	141,176	149,358	143,537	141,169	148,470	144,697	131,791	859,022	906,709		
	Manufacturing industries with unfilled orders.....	82,799	83,596	81,716	84,000	83,629	81,587	87,390	83,896	82,755	88,957	84,726	74,790	502,514	529,579		
	Durable goods industries.....	78,715	79,383	77,136	78,124	77,976	75,551	84,125	80,485	79,101	83,776	78,829	68,605	474,921	513,799		
	Durable goods with unfilled orders.....	65,708	66,611	64,889	66,339	66,272	64,627	69,937	66,981	65,883	70,820	67,195	58,860	399,676	427,759		
	Nondurable goods industries.....	82,084	81,310	78,978	79,394	80,167	79,472	84,274	81,056	78,957	82,055	81,391	75,826	483,559	499,507		
	Nondurable goods with unfilled orders.....	17,091	16,985	16,827	17,661	17,357	16,960	17,453	16,915	16,873	18,136	17,531	15,930	102,838	101,818		
MARKET CATEGORIES																	
	Home goods and apparel.....	10,775	10,803	10,708	11,208	11,176	10,467	11,094	10,272	10,306	11,654	11,236	9,011	63,573	66,870		
	Consumer staples.....	30,718	30,310	29,578	29,753	29,970	29,021	31,491	29,784	29,073	30,405	29,871	26,920	177,544	173,145		
	Equipment and defense products, except automotive.....	24,258	25,056	23,997	25,623	25,566	24,185	26,224	25,126	24,125	27,538	25,669	21,622	150,304	152,628		
	Automotive equipment.....	11,959	11,526	11,002	10,332	9,769	8,836	12,982	12,289	11,967	11,509	9,970	8,271	66,988	72,853		
	Construction materials, supplies, and intermediate products.....	11,578	12,058	11,446	11,738	11,400	11,398	12,582	12,392	11,799	11,819	10,767	9,555	68,914	78,481		
	Other materials, supplies, and intermediate products.....	71,511	70,940	69,383	68,862	70,261	71,115	74,026	71,678	70,788	72,906	72,707	69,052	431,157	469,317		
SUPPLEMENTARY SERIES <sup>2</sup>																	
	Household durable goods industries.....	4,985	4,808	4,897	4,982	4,876	4,723	5,100	4,668	4,772	5,269	4,881	4,016	28,706	30,388		
	Capital goods industries.....	27,580	28,140	26,869	28,549	28,417	27,067	29,584	28,035	26,857	30,583	28,824	24,434	168,317	170,885		
	Nondefense.....	22,761	23,471	22,599	24,060	24,043	23,066	24,522	23,296	22,604	25,892	24,491	20,836	141,641	148,508		
	Defense.....	4,819	4,669	4,271	4,490	4,374	4,002	5,062	4,739	4,252	4,690	4,333	3,598	26,674	22,376		
INDUSTRY GROUPS AND INDUSTRIES																	
	Durable goods industries:																
32	Stone, clay, and glass products.....	3,740	3,863	3,728	3,821	3,795	3,884	4,064	3,923	3,801	3,871	3,543	3,238	22,440	24,934		
322	Glass containers.....	462	465	462	416	446	458	500	467	460	461	425	414	2,727	2,692		
33	Primary metals.....	8,657	8,682	8,593	8,829	9,572	10,028	9,045	8,951	9,507	9,742	10,046	9,834	56,925	72,938		
331	Steel mills.....	4,001	3,904	4,156	4,254	4,812	5,009	4,133	3,974	4,440	4,813	5,051	4,637	27,248	36,746		
333-9	Nonferrous and other primary metals.....	3,797	3,894	3,952	3,664	3,876	4,137	3,972	4,034	4,165	3,974	4,088	3,969	24,202	29,336		
34	Fabricated metal products.....	9,839	10,096	9,750	9,765	9,557	9,231	10,473	10,244	9,978	10,319	9,528	8,360	58,902	63,951		
341	Metal cans, barrels, and drums.....	949	875	915	912	952	979	1,054	912	901	930	917	815	5,529	5,655		
35	Machinery, except electrical.....	15,330	15,899	15,432	16,570	16,587	15,939	16,646	15,810	15,602	18,032	16,964	14,455	97,509	102,395		
351	Engines and turbines.....	1,164	1,209	1,296	1,245	1,233	1,291	1,267	1,205	1,287	1,456	1,323	1,257	7,795	8,189		
352	Farm machinery and equipment.....	984	1,108	1,009	1,011	1,167	992	1,090	1,162	1,149	1,220	1,227	938	6,786	8,933		
353	Construction, mining, and material-handling equipment.....	2,981	2,815	2,788	2,963	3,250	2,957	3,091	2,871	2,938	3,110	3,363	2,869	18,242	18,892		
354	Metallurgical machinery.....	867	861	894	925	967	1,034	956	845	875	1,058	1,021	911	5,666	6,209		
356	General industrial machinery.....	1,145	1,305	1,244	1,384	1,409	1,411	1,245	1,331	1,275	1,449	1,443	1,260	8,003	8,513		

See footnotes at end of table.



Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

(Millions of dollars)

SIC	Industry	Seasonally adjusted						Not seasonally adjusted <sup>1</sup>						Year-to-date	
		June 1982 <sup>b</sup>	May 1982 <sup>r</sup>	April 1982 <sup>r</sup>	March 1982 <sup>r</sup>	Feb. 1982 <sup>r</sup>	Jan. 1982 <sup>r</sup>	June 1982 <sup>b</sup>	May 1982 <sup>r</sup>	April 1982 <sup>r</sup>	March 1982 <sup>r</sup>	Feb. 1982 <sup>r</sup>	Jan. 1982 <sup>r</sup>	1982	1981
	<b>INDUSTRY GROUPS AND INDUSTRIES--</b>														
	Continued														
	<b>Durable goods industries--</b>														
	Continued														
36	Electrical machinery.....	11,575	11,912	11,677	11,508	11,451	11,210	12,286	11,716	11,622	12,094	11,689	10,410	69,817	68,706
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	1,714	1,777	1,730	1,782	1,768	1,758	1,847	1,810	1,746	1,896	1,860	1,673	10,832	11,266
363	Household appliances.....	1,043	1,037	1,033	1,022	999	995	1,137	1,022	1,029	1,082	1,019	860	6,149	6,988
365	Radio and TV.....	704	723	675	742	638	648	777	609	574	715	663	537	3,855	4,237
366	Communication equipment.....	3,651	3,806	3,833	3,648	3,742	3,605	3,947	3,846	3,914	3,931	3,732	3,313	22,683	20,277
367	Electronic components.....	2,456	2,513	2,468	2,367	2,341	2,359	2,527	2,488	2,533	2,555	2,444	2,260	16,707	14,342
37	Transportation equipment.....	17,622	17,179	15,965	15,805	15,152	13,847	19,041	18,004	16,889	17,362	15,524	12,640	99,460	106,594
371	Motor vehicles and parts.....	10,418	9,974	9,509	8,829	8,281	7,357	11,366	10,682	10,297	9,905	8,521	6,979	57,750	62,378
372,6	Aircraft, missiles, and parts.	5,721	5,590	4,912	5,237	5,085	4,924	6,121	5,640	4,991	5,605	5,202	4,270	31,829	32,519
3731	Shipbuilding and military tank vehicles.....	938	994	900	1,010	1,018	811	977	1,047	882	1,029	962	724	5,621	5,728
3795	Instruments and related products	3,950	3,988	3,825	3,942	3,933	3,754	4,224	3,936	3,758	4,171	3,832	3,379	23,300	23,612
38	Scientific and engineering....	2,266	2,336	2,218	2,416	2,346	2,210	2,441	2,315	2,225	2,570	2,333	2,084	13,968	14,091
381-4	Photographic goods.....	1,448	1,408	1,379	1,281	1,358	1,334	1,539	1,382	1,310	1,343	1,273	1,114	7,961	7,950
386															
24	All other durable goods industries.....	8,002	7,764	7,826	7,884	7,929	7,659	8,346	7,901	7,943	8,187	7,703	6,489	46,569	50,649
25															
39															
	<b>Nondurable goods industries:</b>														
20	Food and kindred products.....	23,277	23,018	22,302	22,404	22,709	22,069	23,765	22,721	21,813	23,140	22,814	20,580	134,833	134,969
201	Meat products.....	6,418	6,296	5,961	5,750	5,748	5,787	6,277	6,321	5,804	5,743	5,785	5,653	35,583	34,400
208	Beverages.....	2,956	3,112	3,201	3,085	3,152	2,984	3,384	3,426	3,215	3,027	2,795	2,489	18,146	16,513
209	Fats and oils.....	1,515	1,406	1,416	1,432	1,433	1,441	1,454	1,341	1,399	1,531	1,519	1,431	8,675	9,603
207	All other foods.....	9,139	8,951	8,577	8,974	9,198	8,807	9,313	8,567	8,268	9,661	9,536	8,095	53,420	55,881
203-6,9	Tobacco products.....	1,351	1,128	1,157	1,103	1,136	1,138	1,388	1,140	1,153	1,061	1,069	1,083	6,894	6,154
21	Textile mill products.....	4,285	4,148	4,058	4,254	4,150	3,905	4,618	4,209	4,070	4,625	4,135	3,553	23,210	26,484
22	Paper and allied products.....	6,450	6,346	6,463	6,599	6,603	6,712	6,755	6,447	6,538	6,915	6,782	6,416	39,853	40,263
26	Pulp, paper, etc.....	2,707	2,619	2,692	2,856	2,812	2,831	2,842	2,721	2,765	2,999	2,878	2,667	16,872	17,344
261-3	Paperboard containers.....	1,539	1,460	1,465	1,526	1,510	1,502	1,584	1,477	1,505	1,603	1,556	1,415	9,140	9,479
265	All other paper products.....	2,204	2,267	2,306	2,217	2,281	2,379	2,329	2,249	2,269	2,313	2,348	2,334	13,440	13,440
264															
28	Chemicals and allied products.....	16,219	16,136	13,751	13,847	14,071	13,740	14,967	14,629	14,542	15,176	14,369	13,360	87,043	91,229
281,6	Industrial chemicals, except pigments.....	4,612	4,538	4,425	4,454	4,734	4,612	4,810	4,652	4,734	5,074	4,923	4,476	28,669	31,832
283,4	Drugs, soap, and toiletries.....	4,402	3,956	3,923	3,838	3,771	3,542	4,291	3,660	3,767	4,054	3,804	3,375	22,951	21,787
29	Petroleum and coal products.....	17,511	17,362	16,494	15,698	16,024	17,011	17,686	17,287	16,194	15,533	16,547	17,298	100,545	111,052
30	Rubber and plastics products, n.e.c.....	3,797	3,569	3,500	3,414	3,520	3,646	3,934	3,592	3,648	3,607	3,669	3,375	21,825	23,724
23	All other nondurable goods industries.....	11,194	11,583	11,252	12,074	11,953	11,251	11,161	11,031	10,998	11,998	12,006	10,161	67,355	65,621
27															
31															

<sup>1</sup>Preliminary.

<sup>2</sup>Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

<sup>3</sup>The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries--Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.

Nondurable products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and the nondurable portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.

Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding.

The data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies (formerly Shipments of Defense-Oriented Industries), for the specified industries.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC	Industry	Seasonally adjusted						Not seasonally adjusted <sup>1</sup>						Year-to-date	
		June 1982 <sup>2</sup>	May 1982 <sup>2</sup>	April 1982 <sup>2</sup>	March 1982 <sup>2</sup>	Feb. 1982 <sup>2</sup>	Jan. 1982 <sup>2</sup>	June 1982 <sup>2</sup>	May 1982 <sup>2</sup>	April 1982 <sup>2</sup>	March 1982 <sup>2</sup>	Feb. 1982 <sup>2</sup>	Jan. 1982 <sup>2</sup>	1982	1981
TOTALS															
	All manufacturing industries.....	156,760	157,224	155,694	157,198	155,984	156,519	162,337	156,003	157,656	166,453	159,497	147,978	949,924	1,021,441
	Manufacturing industries excluding transportation.....	140,374	141,348	139,099	140,060	138,679	139,337	145,267	140,198	140,285	147,695	142,961	132,618	849,024	915,080
	Manufacturing industries with unfilled orders.....	78,760	80,127	81,296	83,681	81,471	81,083	81,328	78,358	82,354	89,578	84,003	78,336	493,957	537,712
	Durable goods industries.....	74,664	76,143	76,891	77,859	76,309	75,061	78,247	75,257	78,765	84,383	78,548	71,856	467,056	521,119
	Durable goods with unfilled orders.....	61,657	63,371	64,643	66,074	64,605	64,137	64,059	61,753	65,546	71,427	66,913	62,111	391,809	435,080
	Nondurable goods industries.....	82,096	81,081	78,803	79,339	79,676	79,458	84,090	80,746	78,892	82,069	80,949	76,122	482,868	500,320
	Industries with unfilled orders.....	17,103	16,756	16,653	17,607	16,866	16,946	17,269	16,605	16,808	18,151	17,089	16,225	102,147	102,630
	Industries without unfilled orders.....	64,993	64,325	62,151	61,732	62,810	62,512	66,821	64,141	62,084	63,919	63,860	59,896	380,721	397,686
MARKET CATEGORIES															
	Home goods and apparel.....	10,798	11,608	10,762	11,570	11,120	10,296	11,143	11,231	10,790	12,102	11,268	9,021	65,555	68,025
	Consumer staples.....	30,720	30,340	29,477	29,822	29,996	28,978	31,491	29,751	28,952	30,449	29,880	26,997	177,520	173,214
	Equipment and defense products, except automotive.....	23,064	22,074	25,890	25,349	26,161	26,587	23,798	21,137	25,530	27,823	26,671	25,584	155,729	155,729
	Automotive equipment.....	11,826	11,263	10,625	10,285	9,438	8,771	12,734	11,935	11,500	11,403	9,649	8,351	65,572	72,997
	Construction materials, supplies, and intermediate products.....	11,258	11,592	11,003	12,006	11,108	10,856	12,179	12,116	11,388	12,235	10,532	9,251	67,701	79,180
	Other materials, supplies, and intermediate products.....	69,094	70,347	67,937	68,167	68,162	69,031	70,992	69,833	69,496	72,441	71,496	68,734	422,992	472,280
SUPPLEMENTARY SERIES <sup>3</sup>															
	Household durable goods industries.....	5,007	5,590	4,949	5,353	4,869	4,578	5,149	5,609	5,224	5,701	4,968	4,053	30,704	31,510
	Capital goods industries.....	24,653	25,107	28,782	29,239	28,772	28,291	25,591	23,681	28,448	31,477	29,447	27,816	166,462	175,240
	Nondefense.....	19,274	20,332	22,608	22,174	21,560	21,717	20,974	19,227	22,507	24,370	22,738	21,216	131,032	145,184
	Defense.....	5,379	4,775	6,174	7,065	7,213	6,573	4,619	4,454	5,942	7,106	5,709	6,600	35,430	26,053
INDUSTRY GROUPS AND INDUSTRIES															
	Durable goods industries:														
32	Stone, clay, and glass.....	3,761	3,877	3,642	3,700	3,703	3,689	4,049	3,937	3,755	3,774	3,489	3,146	22,150	24,988
33	Primary metals.....	8,588	8,453	8,137	7,596	8,241	9,163	8,265	8,160	8,424	8,871	9,346	9,346	52,499	73,079
331	Steel furnaces, steel mills.....	3,789	3,928	3,583	3,432	3,741	4,469	3,499	3,584	3,807	4,184	4,614	4,480	24,168	37,737
333-5,9	Nonferrous and other primary metal products.....	3,931	3,741	3,828	3,440	3,767	3,866	3,919	3,768	3,884	3,911	4,021	4,033	23,536	29,060
34	Fabricated metal products.....	9,359	9,405	8,989	9,819	9,052	8,777	9,850	9,563	9,155	10,616	9,030	8,152	56,366	64,353
35	Machinery, except electrical.....	12,950	14,408	15,262	16,438	14,506	15,120	14,411	13,781	15,391	15,729	16,013	14,231	89,556	104,436
351	Engines and turbines.....	917	1,338	995	995	1,357	1,045	933	1,291	930	1,204	1,401	1,028	6,787	7,970
353	Construction, mining, and material-handling equipment.....	2,519	2,258	1,857	2,393	2,594	2,663	2,542	2,087	2,139	2,553	2,906	2,678	14,905	21,130
354	Material-handling equipment.....	754	649	623	535	722	735	834	619	601	672	783	684	4,193	5,378
356	General industrial machinery.....	901	1,266	1,024	1,229	1,351	1,314	994	1,223	1,085	1,305	1,402	1,355	7,364	9,079

See footnotes at end of table.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued  
(Millions of dollars)

SIC	Industry	Seasonally adjusted <sup>1</sup>						Not seasonally adjusted <sup>1</sup>						Year to date	
		June 1982 <sup>p</sup>	May 1982 <sup>r</sup>	April 1982 <sup>r</sup>	March 1982 <sup>r</sup>	Feb. 1982 <sup>r</sup>	Jan. 1982 <sup>r</sup>	June 1982 <sup>p</sup>	May 1982 <sup>r</sup>	April 1982 <sup>r</sup>	March 1982 <sup>r</sup>	Feb. 1982 <sup>r</sup>	Jan. 1982 <sup>r</sup>	1982	1981
	INDUSTRY GROUPS AND INDUSTRIES--Continued														
	Durable goods industries--Continued														
36	Electrical machinery.....	11,734	11,888	12,508	12,782	11,391	11,842	12,132	11,532	12,471	13,502	12,202	11,588	73,427	72,357
361,2	Electrical transmission and distribution equipment.....														
	Industrial apparatus.....	1,417	1,738	1,490	1,703	1,601	1,740	1,491	1,739	1,630	1,838	1,795	1,753	10,246	11,901
363	Household appliances.....	1,013	1,050	1,029	1,040	954	1,013	1,119	1,035	1,026	1,096	1,000	909	6,186	7,095
365	Radio and TV.....	625	918	590	764	640	635	804	769	467	711	654	514	3,919	4,260
366	Communication equipment.....	4,500	3,352	5,012	4,998	3,838	4,152	4,275	3,466	4,789	5,356	4,067	4,189	26,142	22,315
367	Electronic components.....	2,178	2,803	2,415	2,364	2,390	2,426	2,389	2,617	2,688	2,496	2,693	2,435	15,318	15,043
37	Transportation equipment.....	16,386	15,876	16,595	17,138	17,305	15,182	17,070	15,805	17,371	18,758	16,536	15,360	100,900	106,356
372,6	Aircraft, missiles, and parts.....	4,646	4,854	5,779	7,206	7,475	5,861	4,902	4,426	5,624	7,330	6,588	6,326	35,196	32,348
3731	Shipbuilding and military tank vehicles.....	876	711	1,092	476	1,108	1,310	469	439	1,238	858	912	1,306	5,222	6,336
3795	Instrument and related products.....	3,782	3,896	3,920	4,022	4,109	3,670	4,154	3,770	3,826	4,331	4,017	3,365	23,463	23,779
24	All other durable goods industries.....	8,104	8,340	7,838	8,364	8,001	7,618	8,316	8,709	8,371	8,802	7,828	6,666	48,692	51,747

<sup>p</sup>Preliminary.

<sup>1</sup>Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

<sup>2</sup>The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries--Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; optical goods, watches, and clocks; and miscellaneous personal goods.

Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.

Nondefense products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.

Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding.

The data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies (formerly Shipments of Defense-Oriented Industries), for the specified industries.



Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES  
(Millions of dollars)

81C	Industry group	Seasonally adjusted						Not seasonally adjusted					
		June 1982 <sup>a</sup>	May 1982 <sup>a</sup>	April 1982 <sup>a</sup>	March 1982 <sup>a</sup>	Feb. 1982 <sup>a</sup>	Jan. 1982 <sup>a</sup>	June 1982 <sup>b</sup>	May 1982 <sup>b</sup>	April 1982 <sup>b</sup>	March 1982 <sup>b</sup>	Feb. 1982 <sup>b</sup>	Jan. 1982 <sup>b</sup>
		Current 6 months						Last 3 months (a year ago)					
	<b>TOTALS</b>												
	All manufacturing industries.....	307,715	311,766	315,218	315,639	315,957	318,114	307,819	313,885	319,418	319,817	319,197	319,921
	Manufacturing industries excluding transportation.....	191,075	193,870	196,041	197,110	198,760	203,071	192,152	196,245	199,579	200,462	201,238	202,974
	Durable goods industries.....	298,415	302,458	305,701	305,947	306,211	307,877	298,531	304,413	309,637	309,971	309,365	309,646
	Nondurable goods industries.....	9,300	9,288	9,518	9,692	9,746	10,237	9,288	9,472	9,782	9,847	9,832	10,275
	<b>MARKET CATEGORIES</b>												
	Home goods and apparel.....	5,239	5,215	4,382	4,429	3,998	4,029	5,669	5,621	4,693	4,330	3,839	3,798
	Consumer staples.....												
	Equipment and defense products, except automotive.....	186,950	188,274	191,517	190,002	190,323	190,058	186,335	189,012	193,355	192,414	192,234	191,554
	Automotive equipment.....	15,186	15,506	15,972	16,416	16,148	16,440	15,427	15,829	16,106	16,517	16,102	16,337
	Construction materials, supplies, and intermediate products.....	100,340	102,751	103,346	104,793	105,488	107,588	100,388	103,423	105,264	106,556	107,022	108,233
	<b>SUPPLEMENTARY SERIES<sup>c</sup></b>												
	Household durable goods industries.....	4,144	4,122	3,340	3,288	2,916	2,924	4,618	4,570	3,626	3,174	2,742	2,654
	Capital goods industries.....	218,844	221,766	224,799	222,888	222,197	221,841	218,213	222,209	226,562	224,967	224,074	223,451
	Nondefense.....	134,369	137,852	140,991	140,982	142,868	145,351	134,622	138,174	142,240	142,337	143,859	145,612
	Defense.....	84,475	83,914	83,808	81,905	79,329	76,490	83,591	84,035	84,321	82,631	80,215	77,840
	<b>INDUSTRY GROUPS AND INDUSTRIES</b>												
	Durable goods industries:												
	Stones, clay, and glass.....	1,783	1,762	1,749	1,835	1,954	2,046	1,825	1,839	1,825	1,871	1,967	2,021
	Primary metals.....	22,078	22,147	22,378	23,195	24,427	25,759	22,083	22,862	23,654	24,737	25,608	26,221
	Steel mills.....	12,917	13,129	13,106	13,679	14,502	15,573	13,034	13,668	14,058	14,691	15,320	15,757
	Nonferrous and other primary metal products.....	6,553	6,419	6,572	6,697	6,921	7,030	6,527	6,579	6,846	7,127	7,189	7,256
	Fabricated metal products.....	26,406	26,883	27,574	28,334	28,281	28,785	26,443	27,065	27,745	28,586	28,270	28,769
	Machinery, except electrical.....	63,557	65,934	67,425	67,595	69,727	71,807	66,931	66,169	68,198	68,409	70,711	71,663
	Engines and turbines.....	15,642	15,867	15,739	16,039	16,289	16,165	15,492	15,827	15,741	16,098	16,351	16,272
	Construction, mining, and material-handling equipment.....	7,351	7,813	8,370	9,301	9,870	10,526	7,373	7,923	8,707	9,506	10,063	10,520
	Metalworking machinery.....	3,341	3,454	3,666	3,937	4,327	4,571	3,326	3,447	3,672	3,946	4,332	4,570
	General industrial machinery.....	5,977	6,221	6,260	6,480	6,635	6,692	5,983	6,233	6,342	6,532	6,675	6,716

See footnotes at end of table.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued  
(Millions of dollars)

SIC	Industry group	Seasonally adjusted						Not seasonally adjusted <sup>1</sup>						Last 3 months (a year ago)			
		Current 6 months															
		June 1982 <sup>p</sup>	May 1982 <sup>r</sup>	April 1982 <sup>r</sup>	March 1982 <sup>r</sup>	Feb. 1982 <sup>r</sup>	Jan. 1982 <sup>r</sup>	June 1982 <sup>p</sup>	May 1982 <sup>r</sup>	April 1982 <sup>r</sup>	March 1982 <sup>r</sup>	Feb. 1982 <sup>r</sup>	Jan. 1982 <sup>r</sup>	June 1981	May 1981	April 1981	
	INDUSTRY GROUP AND INDUSTRIES--Continued																
	Durable goods industries--Continued	56,747	56,588	54,613	53,784	52,510	52,570	54,843	54,999	55,180	54,330	52,922	52,408	50,911	50,257	49,983	
36	Electrical machinery.....	7,866	8,163	8,202	8,442	8,521	8,688	7,926	8,282	8,352	8,469	8,526	8,591	8,913	8,992	8,864	
361,2	Electrical transmission and distribution equipment and household appliances.....	302	332	319	323	306	351	325	343	329	332	318	337	460	449	440	
363	Radio and TV.....	390	469	274	359	337	335	395	369	209	316	320	309	419	138	269	
365	Communication equipment.....	33,262	32,413	32,868	31,690	30,340	30,244	33,043	32,715	33,096	32,220	30,796	30,460	28,059	27,790	27,613	
366	Electronic components.....	11,810	12,088	11,798	11,852	11,855	11,805	12,035	12,173	12,043	11,887	11,846	11,597	11,887	11,730	11,649	
367	Transportation equipment.....	116,640	117,876	119,178	118,529	117,196	115,043	115,667	117,640	119,839	119,355	117,959	116,947	114,516	116,413	116,744	
37	Aircraft, missiles, and parts.....	91,539	92,613	93,349	92,483	90,514	88,123	91,055	92,275	93,490	92,856	91,131	89,745	87,112	88,192	88,112	
372,6	Shipbuilding and military tank vehicles.....	19,350	19,413	19,695	19,503	20,037	19,947	19,045	19,555	20,162	19,805	19,976	20,026	19,494	19,996	20,303	
3731	Instrument and related products.....	7,200	7,367	7,458	7,362	7,283	7,106	7,275	7,345	7,511	7,443	7,283	7,098	7,110	6,980	6,963	
38	All other durable goods industries.....	6,004	5,901	5,325	5,313	4,832	4,760	6,464	6,494	5,685	5,258	4,643	4,519	5,119	5,187		

<sup>p</sup>Preliminary.

<sup>1</sup>Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

<sup>2</sup>The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries--Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; ophthalmic goods, watches, and clocks; and miscellaneous personal goods.  
Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.  
Nondefense products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.  
Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding. The data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies (formerly Shipments of Defense-Oriented Industries), for the specific industries.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

SIC	Industry group	Seasonally adjusted						Not seasonally adjusted <sup>1</sup>								
		June 1982 <sup>b</sup>	May 1982 <sup>r</sup>	April 1982 <sup>r</sup>	March 1982 <sup>r</sup>	Feb. 1982 <sup>r</sup>	Jan. 1982 <sup>r</sup>	June 1982 <sup>b</sup>	May 1982 <sup>r</sup>	April 1982 <sup>r</sup>	March 1982 <sup>r</sup>	Feb. 1982 <sup>r</sup>	Jan. 1982 <sup>r</sup>			
	TOTALS															
	All manufacturing industries.....	275,118	276,449	278,985	280,065	281,688	281,155	276,285	279,391	282,017	282,050	283,594	281,926	275,626	276,959	274,918
	Manufacturing industries excluding transportation.....	236,150	237,748	240,242	241,915	243,494	243,033	237,738	240,698	243,064	243,463	244,941	243,847	238,371	239,550	237,466
	Manufacturing industries with unfilled orders.....	190,594	191,345	192,468	192,527	193,690	193,360	192,447	194,175	194,771	194,061	194,620	192,721	187,599	187,273	186,311
	Durable goods industries.....	184,322	184,870	185,916	186,063	187,121	187,054	185,481	187,287	188,253	188,026	188,756	187,031	182,247	182,384	181,582
	Durable goods with unfilled orders.....	169,536	170,176	171,189	171,059	171,959	171,756	170,712	172,341	173,035	172,482	173,046	171,539	166,137	165,947	165,134
	Nondurable goods industries.....	90,796	91,579	93,070	94,002	94,567	94,100	90,804	92,104	93,764	94,024	94,838	94,895	93,378	94,575	93,337
	Nondurable goods with unfilled orders.....	21,058	21,169	21,279	21,467	21,731	21,604	21,735	21,834	21,736	21,579	21,574	21,182	21,462	21,326	21,177
	MARKET CATEGORIES															
	Home goods and apparel.....	21,545	21,779	21,948	22,041	22,631	22,766	22,693	22,775	22,436	22,110	22,447	22,321	22,538	22,650	21,880
	Consumer staples.....	32,867	33,355	33,673	33,631	33,644	33,309	31,970	32,653	33,342	33,424	33,808	33,939	31,890	32,333	32,476
	Equipment and defense products, except automotive.....	77,715	77,506	77,708	76,716	76,744	76,265	78,032	78,267	78,430	77,482	77,207	76,046	73,511	73,429	72,977
	Automotive equipment.....	11,155	11,102	11,191	11,220	11,366	11,567	10,833	11,063	11,309	11,493	11,724	11,811	11,757	12,046	12,297
	Construction materials, supplies, and intermediate products.....	20,632	20,639	20,723	21,078	21,338	21,729	20,883	21,076	21,301	21,694	21,864	21,768	22,047	21,979	21,762
	Other materials, and supplies, and intermediate products.....	111,204	112,068	113,741	115,379	115,964	115,518	111,874	113,557	115,199	115,848	116,544	116,041	113,883	114,522	113,594
	SUPPLEMENTARY SERIES <sup>2</sup>															
	Household durable goods industries.....	10,752	10,692	10,856	10,896	11,120	11,196	11,093	11,119	11,080	10,981	11,121	11,000	10,881	10,996	10,805
	Capital goods industries.....	87,421	87,644	87,752	86,795	86,974	86,302	87,900	88,594	88,587	87,460	87,226	85,862	83,445	83,171	82,683
	Nondefense.....	73,212	73,615	73,806	72,937	73,376	72,968	73,518	74,403	74,582	73,584	73,692	72,713	71,139	71,268	71,000
	Defense.....	14,209	14,029	13,946	13,857	13,598	13,334	14,382	14,191	14,005	13,877	13,533	13,148	12,306	11,903	11,683
	INDUSTRY GROUPS AND INDUSTRIES															
	Durable goods industries:															
32	Stone, clay, and glass products....	6,409	6,429	6,479	6,544	6,629	6,582	6,534	6,676	6,723	6,768	6,832	6,602	6,468	6,518	6,417
322	Glass containers.....	682	696	702	719	672	667	696	714	716	719	681	648	645	646	646
33	Primary metals.....	24,582	25,063	25,403	26,056	26,070	25,974	24,610	25,181	25,499	26,005	26,398	26,456	24,163	24,036	24,076
331	Blast furnaces, steel mills.....	12,542	12,867	13,075	13,441	13,128	13,120	12,492	12,764	12,825	13,095	13,314	13,525	12,180	12,123	12,116
333-6,	Nonferrous and other primary metals.....	10,696	10,834	10,907	11,145	11,354	11,281	10,728	10,997	11,179	11,382	11,470	11,370	10,447	10,365	10,409
34	Fabricated metal products.....	19,579	19,664	19,716	19,848	20,142	20,339	19,835	20,064	20,166	20,263	20,327	20,234	19,953	20,013	20,008
341	Metal cans, barrels, and drums.....	1,449	1,407	1,391	1,409	1,498	1,453	1,615	1,607	1,616	1,570	1,564	1,431	1,727	1,772	1,772
35	Machinery, except electrical.....	44,071	44,447	44,449	44,134	44,614	44,237	44,607	45,015	44,962	44,537	44,709	44,244	42,114	42,092	41,702
351	Engine and turbine.....	2,523	2,579	2,602	2,587	2,604	2,588	2,546	2,608	2,641	2,607	2,636	2,608	2,500	2,520	2,520
352	Farm machinery and equipment.....	2,765	2,745	2,782	2,808	2,850	2,920	2,806	2,832	2,904	2,969	3,003	2,945	2,890	2,970	2,989
353	Construction, mining, and metalworking machinery.....	11,140	11,391	11,301	10,950	10,794	10,585	11,207	11,471	11,387	11,094	10,892	10,653	9,600	9,499	9,444
354	General industrial machinery.....	2,415	2,480	2,539	2,588	2,640	2,624	2,427	2,510	2,554	2,578	2,652	2,619	2,757	2,810	2,853
356	General industrial machinery.....	4,091	4,155	4,142	4,098	4,114	4,109	4,136	4,176	4,181	4,142	4,164	4,163	3,967	3,873	3,855

See footnotes at end of table.



Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

(Millions of dollars)

SIC	Industry group	Seasonally adjusted						Not seasonally adjusted <sup>1</sup>						Last 3 months (a year ago)		
		June 1982 <sup>b</sup>	May 1982 <sup>c</sup>	April 1982 <sup>c</sup>	March 1982 <sup>c</sup>	Feb. 1982 <sup>c</sup>	Jan. 1982 <sup>c</sup>	June 1982 <sup>c</sup>	May 1982 <sup>c</sup>	April 1982 <sup>c</sup>	March 1982 <sup>c</sup>	Feb. 1982 <sup>c</sup>	Jan. 1982 <sup>c</sup>	June 1981	May 1981	April 1981
	INDUSTRY GROUPS AND INDUSTRIES--Continued															
	Durable goods industries--Continued															
36	Electric machinery.....	27,051	27,024	27,365	27,526	27,697	27,784	27,577	27,733	27,820	27,737	27,622	27,421	27,763	27,678	27,532
361.2	Electrical transmission and distribution equipment and industrial apparatus.....	4,382	4,361	4,409	4,474	4,471	4,498	4,436	4,469	4,485	4,458	4,470	4,454	4,515	4,506	4,459
363	Household appliances.....	1,910	1,853	1,868	1,895	1,924	1,962	2,008	2,010	1,991	1,950	1,941	1,932	2,050	2,085	2,040
365	Radio and TV.....	1,708	1,676	1,769	1,789	1,828	1,880	1,789	1,789	1,781	1,781	1,786	1,806	1,671	1,627	1,519
366	Communication equipment.....	9,249	9,249	9,407	9,410	9,424	9,287	9,373	9,430	9,486	9,522	9,415	9,256	9,311	9,391	9,391
367	Electronic components.....	5,548	5,566	5,635	5,680	5,869	5,729	5,654	5,656	5,694	5,717	5,665	5,642	5,818	5,730	5,764
37	Transportation equipment.....	38,968	38,701	38,743	38,150	38,194	38,122	38,547	38,593	38,953	38,587	38,653	38,079	37,255	37,409	37,452
371	Motor vehicles and parts.....	8,617	8,495	8,640	8,673	8,795	8,957	8,357	8,428	8,657	8,790	9,000	9,113	9,310	9,567	9,729
372.6	Aircraft, missiles, and parts.....	26,798	26,599	26,432	25,681	25,356	25,010	26,696	26,671	26,594	25,936	25,574	24,818	23,753	23,559	23,484
3731	Shipbuilding and military tank vehicles.....	1,691	1,702	1,833	1,909	2,107	2,160	1,702	1,709	1,825	1,894	2,032	2,076	2,269	2,311	2,227
3795	Instruments and related products.....	9,484	9,303	9,516	9,399	9,513	9,420	9,688	9,539	9,687	9,508	9,510	9,366	9,575	9,664	9,540
38	Scientific and engineering.....	6,684	6,509	6,639	6,482	6,477	6,417	6,798	6,626	6,707	6,528	6,492	6,418	6,498	6,514	6,393
381-4	Photographic goods.....	2,292	2,291	2,357	2,405	2,515	2,460	2,372	2,392	2,455	2,456	2,497	2,418	2,487	2,527	2,527
24																
25	All other durable goods industries	14,178	14,239	14,246	14,404	14,462	14,597	14,283	14,386	14,462	14,622	14,706	14,628	14,917	14,974	14,855
39																
	Nondurable goods industries:															
20	Food and kindred products.....	19,796	20,160	20,377	20,405	20,486	20,481	18,771	19,344	19,919	20,115	20,674	21,121	20,184	20,663	20,949
201	Meat products.....	1,782	1,933	1,914	1,914	1,933	1,760	1,778	1,933	1,976	1,948	1,865	1,776	1,995	1,995	2,094
208	Beverages.....	3,523	3,525	3,563	3,619	3,648	3,653	3,431	3,550	3,639	3,723	3,740	3,713	3,523	3,683	3,769
207	Fats and oils.....	1,406	1,389	1,361	1,298	1,338	1,531	1,292	1,330	1,399	1,393	1,493	1,684	1,394	1,541	1,606
203-6.9	All other foods.....	11,453	11,606	11,825	11,778	11,893	11,772	10,594	10,793	11,175	11,334	11,862	12,219	11,490	11,653	11,723
21	Tobacco products.....	4,697	4,812	4,812	4,572	4,514	4,495	4,448	4,643	4,824	4,741	4,796	4,820	4,539	4,736	4,836
22	Textile mill products.....	6,392	6,501	6,513	6,587	6,710	6,761	6,494	6,726	6,729	6,769	6,883	6,812	7,059	7,059	7,055
26	Paper and allied products.....	8,768	8,810	8,842	8,921	8,850	8,675	9,017	9,080	9,045	8,928	8,785	8,531	8,472	8,408	8,336
261-3	Pulp, paper, etc.....	3,588	3,590	3,560	3,560	3,534	3,490	3,647	3,662	3,609	3,564	3,504	3,431	3,218	3,196	3,162
265	Paperboard containers.....	2,310	2,298	2,301	2,312	2,291	2,276	2,398	2,365	2,353	2,311	2,276	2,251	2,273	2,214	2,202
264	All other paper containers.....	2,870	2,922	2,980	3,070	3,025	2,909	2,972	3,053	3,083	3,052	3,005	2,849	2,981	2,998	2,972
28	Chemicals and allied products.....	21,039	20,895	21,363	21,428	21,418	21,420	20,931	21,156	21,729	21,724	21,846	21,742	20,780	20,884	20,552
281.6	Industrial chemicals, except pigments.....	6,531	6,532	6,676	6,763	6,755	6,756	6,486	6,637	6,744	6,765	6,862	6,910	6,874	6,874	6,710
283.4	Drugs, soap, and toiletries.....	6,546	6,582	6,604	6,690	6,716	6,645	6,709	6,721	6,691	6,652	6,634	6,560	6,440	6,403	6,240
29	Petroleum and coal products.....	9,068	9,060	9,675	10,531	10,615	10,373	9,063	9,010	9,518	10,113	10,196	10,415	11,412	11,920	11,212
30	Rubber and plastic products, n.e.c.....	6,009	6,115	6,165	6,153	6,172	6,120	6,059	6,262	6,404	6,335	6,268	6,212	6,360	6,414	6,582
23	All other nondurable goods industries.....	15,027	15,246	15,323	15,406	15,803	15,774	16,021	15,883	15,596	15,300	15,391	15,241	15,567	15,491	14,914
31																

<sup>1</sup>Preliminary.

<sup>2</sup>Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

<sup>3</sup>The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries--Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.

Nondefense products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.

Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding.

The data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies (formerly Shipments of Defense-Oriented Industries), for the specified industries.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

Industry	Seasonally adjusted						Not seasonally adjusted <sup>1</sup>						Last 3 months (a year ago)			
	June 1982 <sup>p</sup>	May 1982 <sup>r</sup>	April 1982 <sup>r</sup>	March 1982 <sup>r</sup>	Feb. 1982 <sup>r</sup>	Jan. 1982 <sup>r</sup>	June 1982 <sup>p</sup>	May 1982 <sup>r</sup>	April 1982 <sup>r</sup>	March 1982 <sup>r</sup>	Feb. 1982 <sup>r</sup>	Jan. 1982 <sup>r</sup>	June 1981	May 1981	April 1981	
TOTALS																
All manufacturing industries.....	275,118	276,449	278,985	280,065	281,688	281,155	276,285	279,391	282,017	282,050	283,594	281,926	275,626	276,959	274,918	
Durable goods industries.....	184,322	184,870	185,916	186,063	187,121	187,054	185,481	187,287	188,253	188,026	188,756	187,031	182,247	182,384	181,582	
Stone, clay, and glass products.....	6,429	6,429	6,479	6,544	6,629	6,582	6,534	6,676	6,768	6,768	6,832	6,602	6,602	6,618	6,417	
Primary metals.....	24,582	25,063	25,403	26,056	26,070	25,974	24,610	25,181	25,499	26,005	26,398	26,456	24,036	24,036	24,008	
Fabricated metals.....	19,579	19,664	19,716	19,848	20,142	20,339	19,835	20,064	20,146	20,263	20,327	20,234	19,993	20,013	20,008	
Nonferrous metal machinery.....	44,467	44,467	44,469	44,134	44,414	44,237	44,071	44,134	44,537	44,709	44,709	44,244	42,092	41,702	41,702	
Electrical machinery.....	22,051	22,074	22,365	22,726	22,697	22,784	22,577	22,733	22,820	22,737	22,622	22,421	21,763	22,532	22,532	
Transportation equipment.....	38,968	38,701	38,763	38,150	38,194	38,122	38,567	38,693	38,953	38,953	38,653	38,079	37,255	37,452	37,452	
Instruments and related products.....	9,684	9,303	9,516	9,399	9,513	9,420	9,688	9,539	9,687	9,508	9,510	9,366	9,664	9,664	9,560	
All other durable goods industries.....	14,178	14,239	14,256	14,404	14,462	14,597	14,283	14,386	14,462	14,622	14,706	14,628	14,917	14,974	14,855	
Non-durable goods industries.....	91,796	93,070	94,002	94,567	94,567	94,100	90,804	92,104	93,784	94,024	94,838	94,895	93,337	94,575	93,337	
Chemicals and allied products.....	20,039	20,575	21,363	21,028	21,418	21,420	20,931	21,156	21,729	21,729	21,846	21,742	20,780	20,884	20,552	
Petroleum and coal products.....	9,068	9,068	9,675	10,531	10,615	10,373	9,068	9,010	9,518	10,113	10,196	10,415	11,412	11,920	11,212	
Rubber and plastic products, C.M.C.....	6,009	6,115	6,115	6,153	6,172	6,120	6,059	6,262	6,404	6,335	6,268	6,212	6,360	6,414	6,482	
All other non-durable goods industries.....	54,680	55,867	55,867	55,891	56,362	56,186	54,751	55,676	56,113	55,852	56,529	56,526	54,826	55,357	55,090	
MATERIALS AND SUPPLIES																
All manufacturing industries.....	92,494	93,168	94,433	94,214	95,898	96,145	92,511	93,448	94,951	95,078	96,144	96,605	94,181	93,998	94,479	
Durable goods industries.....	55,602	55,996	56,967	56,967	57,999	58,184	55,668	56,151	56,966	57,134	58,034	58,272	57,089	56,569	56,771	
Stone, clay, and glass products.....	2,220	2,267	2,232	2,332	2,367	2,307	2,228	2,267	2,322	2,341	2,365	2,337	2,270	2,252	2,252	
Primary metals.....	8,215	8,600	8,725	8,694	8,708	8,653	8,422	8,423	8,437	8,593	8,762	8,825	8,255	8,025	8,255	
Fabricated metals.....	7,235	7,321	7,364	7,388	7,560	7,774	7,281	7,395	7,465	7,547	7,517	7,516	7,555	7,563	7,629	
Nonferrous metal machinery.....	11,398	11,673	11,695	11,720	12,066	11,972	11,427	11,706	11,779	11,739	11,989	11,909	11,315	11,215	11,252	
Electrical machinery.....	7,485	7,664	7,980	7,902	8,062	8,210	7,659	7,852	8,100	8,132	8,321	8,321	7,886	8,203	8,203	
Transportation equipment.....	10,303	10,194	10,181	10,169	10,410	10,404	10,292	10,266	10,311	10,311	10,387	10,418	10,287	10,325	10,325	
Instruments and related products.....	2,869	2,741	3,020	2,982	3,025	3,052	2,908	2,769	3,029	3,014	3,023	3,040	3,059	3,084	3,026	
All other durable goods industries.....	5,577	5,616	5,639	5,710	5,821	5,812	5,451	5,497	5,551	5,688	5,855	5,844	5,806	5,819	5,826	
Non-durable goods industries.....	36,892	37,172	37,486	37,317	37,899	37,961	36,843	37,297	37,987	38,110	38,333	37,449	37,092	37,708	37,708	
Chemicals and allied products.....	8,158	8,039	8,104	8,169	8,295	8,409	8,137	8,187	8,294	8,337	8,308	8,429	8,189	8,162	8,183	
Petroleum and coal products.....	2,410	2,403	2,525	2,452	2,644	2,622	2,445	2,507	2,532	2,544	2,544	2,862	2,862	2,862	2,763	
Rubber and plastic products, C.M.C.....	2,008	2,083	2,130	2,184	2,294	2,348	2,045	2,104	2,166	2,181	2,240	2,261	2,424	2,405	2,436	
All other non-durable goods industries.....	24,316	24,565	24,727	24,312	24,666	24,582	24,216	24,499	24,995	24,960	25,052	24,999	23,617	24,040	24,366	
WORK IN PROGRESS																
All manufacturing industries.....	96,706	96,722	97,163	97,358	97,889	98,170	96,450	97,495	98,013	98,074	98,484	98,016	96,283	97,763	96,867	
Durable goods industries.....	81,266	81,284	81,562	81,729	82,097	82,211	81,074	81,839	82,471	82,471	82,791	82,129	80,201	81,026	80,483	
Stone, clay, and glass products.....	924	922	925	957	998	999	928	983	1,038	1,038	983	957	957	999	999	
Primary metals.....	9,816	10,109	10,325	10,678	10,873	10,946	9,886	10,224	10,402	10,631	10,903	10,040	9,819	9,915	9,681	
Fabricated metals.....	7,106	7,166	7,166	7,202	7,371	7,376	7,209	7,290	7,366	7,430	7,416	7,229	7,283	7,310	7,283	
Nonferrous metal machinery.....	18,292	18,266	18,301	18,423	18,593	18,726	18,175	18,439	18,601	18,565	18,800	18,927	18,415	18,771	18,492	
Electrical machinery.....	13,703	13,576	13,508	13,634	13,721	13,706	13,802	13,759	13,674	13,756	13,737	13,538	13,624	13,535	13,562	
Transportation equipment.....	24,116	23,945	23,769	23,404	23,217	23,133	23,679	23,755	23,862	23,678	23,077	23,064	22,644	22,955	22,955	
Instruments and related products.....	4,184	4,154	4,129	4,108	4,160	4,090	4,228	4,221	4,200	4,168	4,167	4,081	4,089	4,102	4,102	
All other durable goods industries.....	3,125	3,186	3,218	3,203	3,191	3,283	3,137	3,168	3,202	3,215	3,215	3,287	3,370	3,379	3,379	
Non-durable goods industries.....	15,440	15,438	15,601	15,629	15,792	15,959	15,376	15,656	15,728	15,603	15,887	16,082	16,082	16,373	16,384	
Chemicals and allied products.....	3,598	3,523	3,506	3,441	3,439	3,460	3,563	3,577	3,552	3,491	3,660	3,458	3,463	3,463	3,463	
Petroleum and coal products.....	2,520	2,516	2,639	2,800	2,823	2,809	2,536	2,567	2,691	2,766	2,756	2,975	2,975	3,191	3,191	
Rubber and plastic products, C.M.C.....	1,258	1,278	1,262	1,216	1,182	1,146	1,226	1,264	1,261	1,224	1,196	1,134	1,134	1,154	1,167	
All other non-durable goods industries.....	8,064	8,121	8,194	8,172	8,348	8,344	8,051	8,248	8,224	8,142	8,281	8,467	8,524	8,698	8,563	
FINISHED GOODS																
All manufacturing industries.....	85,918	86,559	87,391	88,492	87,903	86,838	87,324	88,448	89,053	88,899	88,968	87,304	85,162	85,198	83,572	
Durable goods industries.....	47,454	47,590	47,608	47,631	47,036	46,659	48,739	49,297	49,006	48,421	47,932	46,630	44,958	44,809	44,328	
Stone, clay, and glass products.....	3,265	3,260	3,231	3,255	3,266	3,284	3,348	3,426	3,403	3,397	3,423	3,282	3,169	3,397	3,163	
Primary metals.....	6,251	6,354	6,353	6,488	6,489	6,375	6,302	6,576	6,660	6,781	6,731	6,579	6,096	6,258	6,140	
Fabricated metals.....	5,238	5,197	5,153	5,158	5,231	5,239	5,345	5,376	5,335	5,286	5,259	5,140	5,086	5,140	5,086	
Nonferrous metal machinery.....	14,381	14,528	14,223	13,991	13,775	13,511	14,805	14,872	14,582	14,233	13,920	13,408	12,384	12,100	11,958	
Electrical machinery.....	5,863	5,784	5,867	5,920	5,901	5,868	6,116	6,122	6,046	6,082	5,895	5,751	5,818	5,857	5,747	
Transportation equipment.....	4,549	4,622	4,793	4,777	4,867	4,585	4,576	4,622	4,810	4,648	4,613	4,172	4,172	4,172	4,172	
Instruments and related products.....	2,431	2,408	2,367	2,303	2,328	2,278	2,352	2,351	2,268	2,326	2,320	2,245	2,427	2,464	2,412	
All other durable goods industries.....	5,476	5,437	5,389	5,491	5,431	5,499	5,395	5,521	5,510	5,518	5,536	5,498	5,763	5,732	5,650	
Non-durable goods industries.....	38,464	38,969	39,983	41,057	40,877	40,179	38,585	39,151	40,478	40,478	40,389	40,674	40,204	40,389	39,244	
Chemicals and allied products.....	9,283	9,333	9,392	9,818	9,684	9,551	9,231	9,392	9,883	9,896	9,855	9,941	9,718	9,806	9,606	
Petroleum and coal products.....	4,138	4,059	4,511	5,279	5,148	4,942	4,082	3,936	4,295	4,901	5,099	5,375	5,278	5,278	5,278	
Rubber and plastic products, C.M.C.....	2,734	2,754	2,773	2,788	2,696	2,626	2,788	2,894	2,977	2,832	2,					

Table 6. MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS--MONTH-TO-MONTH AND LONG-TERM PERCENT CHANGES

(Based on seasonally adjusted data)

Item and industry group	Month-to-month						Revisions <sup>1</sup>		
	May- June 1982	April- May 1982	March- April 1982	February- March 1982	January- Feb. 1982	Dec. 1981- Jan. 1982	Year ago June 1981	Average monthly	
								June 1981 through May 1982	June 1977-1981
Shipments:									
All manufacturing industries.....	+0.1	+2.9	-0.9	-0.4	+2.0	-2.9	0.4	0.3	0.5
Durable goods industries.....	-0.8	+2.9	-1.3	+0.2	+3.2	-4.5	0.3	0.4	0.2
Nondurable goods industries.....	+1.0	+3.0	-0.5	-1.0	+0.9	-1.3	0.3	0.3	0.5
Inventories:									
All manufacturing industries.....	-0.5	-0.9	-0.4	-0.6	+0.2	-0.7	0.2	0.1	1.8
New orders:									
All manufacturing industries.....	-0.3	+1.0	-1.0	+0.8	+0.9	-1.4	0.0	0.3	0.3
Durable goods industries.....	-1.9	-1.0	-1.2	+2.0	+1.7	-1.8	0.2	0.7	0.3
Nondurable goods industries.....	+1.3	+2.9	-0.7	-0.4	+0.3	-1.0	0.3	0.3	0.5
Unfilled orders:									
Durable goods industries.....	-1.3	-1.1	-0.1	-0.1	-0.5	-0.2	0.2	0.1	0.1

- Represents zero.

<sup>1</sup>The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences to the durable goods industries are shown in the advance report for the month.

Table 7. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

Industry group	Inventories--shipments ratio						Unfilled orders--shipments ratio <sup>1</sup> (months' backlog)					
	Jun. 1982 <sup>P</sup>	May 1982	Apr. 1982	Mar. 1982	Feb. 1982	Jan. 1982	Jun. 1982 <sup>P</sup>	May 1982	Apr. 1982	Mar. 1982	Feb. 1982	Jan. 1982
All manufacturing industries.....	1.71	1.72	1.79	1.78	1.78	1.81	3.72	3.73	3.86	3.76	3.78	3.90
Durable goods industries.....	2.34	2.33	2.41	2.38	2.40	2.48	4.54	4.54	4.71	4.61	4.62	4.76
Stone, clay, and glass products.....	1.71	1.66	1.74	1.71	1.75	1.70	0.54	0.52	0.54	0.54	0.58	0.60
Primary metals.....	2.84	2.89	2.84	2.95	2.72	2.59	2.55	2.55	2.50	2.63	2.55	2.57
Fabricated metals.....	1.99	1.95	2.02	2.03	2.11	2.20	2.97	2.92	3.12	3.20	3.29	3.49
Machinery, except electrical.....	2.87	2.80	2.88	2.66	2.68	2.78	4.43	4.46	4.68	4.34	4.52	4.80
Electrical machinery.....	2.34	2.27	2.34	2.39	2.42	2.48	4.73	4.58	4.68	4.67	4.59	4.69
Transportation equipment.....	2.21	2.25	2.43	2.41	2.52	2.75	10.91	11.23	12.41	11.88	12.20	13.13
Instruments and related products.....	2.40	2.33	2.49	2.38	2.42	2.51	1.82	1.85	1.95	1.87	1.85	1.89
Nondurable goods industries.....	1.11	1.13	1.18	1.18	1.18	1.18	0.54	0.55	0.57	0.55	0.56	0.60
Food and kindred products.....	0.85	0.87	0.91	0.91	0.90	0.93	(X)	(X)	(X)	(X)	(X)	(X)
Tobacco products.....	3.48	4.27	4.16	4.14	3.97	3.95	(X)	(X)	(X)	(X)	(X)	(X)
Textile mill products.....	1.49	1.57	1.61	1.55	1.62	1.73	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Paper and allied products.....	1.36	1.39	1.37	1.35	1.34	1.29	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products.....	1.48	1.48	1.55	1.55	1.52	1.56	(X)	(X)	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.52	0.52	0.59	0.67	0.66	0.61	(X)	(X)	(X)	(X)	(X)	(X)
Rubber and plastics products, n.e.c.....	1.58	1.71	1.76	1.80	1.75	1.68	(X)	(X)	(X)	(X)	(X)	(X)

(NA) Not available. <sup>P</sup>Preliminary. (X) Not applicable.

<sup>1</sup>Excludes the following industries with no unfilled orders: wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operation; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.



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